

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/591,883  
Source: 1FWP  
Date Processed by STIC: 9/25/06

***ENTERED***

## CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/591,883

CRF Edit Date: 9/25/06  
Edited by: He

\_\_\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:  
\_\_\_\_\_

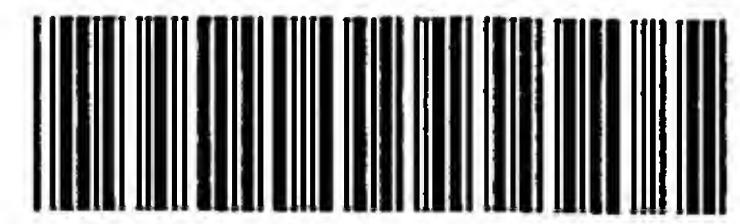
\_\_\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:  
\_\_\_\_\_

\_\_\_\_\_ Deleted: \_\_\_\_\_ invalid beginning/end-of-file text ; \_\_\_\_\_ page numbers

\_\_\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:  
\_\_\_\_\_

\_\_\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:  
\_\_\_\_\_

\_\_\_\_\_ Other:  
\_\_\_\_\_



IFWP

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/591,883

DATE: 09/25/2006  
TIME: 12:42:32

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Output Set: N:\CRF4\09252006\J591883.raw

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 5 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATMENT OF DISEASES  
 6 ASSOCIATED WITH ABERRANT MICROSATELLITE EXPANSION  
 8 <130> FILE REFERENCE: 49163-60677PCT  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/591,883  
 C--> 11 <141> CURRENT FILING DATE: 2006-09-07  
 13 <150> PRIOR APPLICATION NUMBER: 60/551,748  
 14 <151> PRIOR FILING DATE: 2004-03-10  
 16 <160> NUMBER OF SEQ ID NOS: 55  
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P.6

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232 tgccactcca gtcttaacc ccagtgtttt ccactgccaa caggctctgg ctaacatgca 1260  
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234 tgtgtctaca gcaacaccac ctgccagcaa cggtccctac gttccaacaa ctacaggcaa 1380  
235 ccagttgaaa tattgagcag cagagttaca gagtatcaga atctctcaac aagaaactcc 1440  
236 gtgtggcctt tctatatgtt ttctcgatg tcttcttgc tccacacgac aataagcatg 1500  
237 gtgcagtcaa tatactaaag cgcatataacc tggtgacaaa ttcaaatttt aaaaatctgt 1560  
238 ggagatgtta aagcaaatacc aaaatttacc agtatgtttt accttatacg gattcattgt 1620  
239 atatgaatta gcatacaata tacaaccata caggtttgtc atgtatatga attatcagat 1680  
240 ccatattaca tgaattttcc atatgatatg aattaccata ttgaatataa ctgtaaaatg 1740  
241 ttgtgactgc ttcccgatgaa tggttataa taaatgaact tccacagtgt actgtaggct 1800  
242 tactgtatac tcttggtgga taaattctgt ttggaaagtgc ttaccttact gttttgttta 1860  
243 caagatagtc tataggattt atgtagaatg taactgatat ttcccacacc atttcctcc 1920  
244 attggatat ttttattttt tgggttctgc ttaaaaaaaaaaaaaaa 1967  
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248 <211> LENGTH: 32  
249 <212> TYPE: DNA  
250 <213> ORGANISM: Artificial Sequence  
252 <220> FEATURE:  
253 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
254 Primer  
256 <400> SEQUENCE: 4  
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260 <210> SEQ ID NO: 5  
261 <211> LENGTH: 27

32

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/591,883

DATE: 09/25/2006  
TIME: 12:42:33

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\09252006\J591883.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:42; Xaa Pos. 2,3,4,5,6,7,8,10,11,12,13,14,15,17,18,19

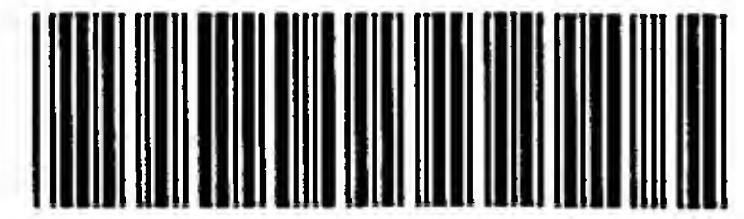
Seq#:43; Xaa Pos. 2,3,4,5,6,7,8,10,11,12,13,15,16,17

**VERIFICATION SUMMARY** DATE: 09/25/2006  
PATENT APPLICATION: US/10/591,883 TIME: 12:42:33

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\09252006\J591883.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
M:341 Repeated in SeqNo=42  
L:948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
M:341 Repeated in SeqNo=43

## **Raw Sequence Listing before editing (for reference only)**



IFWP

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/591,883

DATE: 09/21/2006  
TIME: 11:31:54

Input Set : A:\pto.d&.txt  
Output Set: N:\CRF4\09212006\J591883.raw

3 <110> APPLICANT: UNIVERSITY OF FLORIDA  
5 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATMENT OF DISEASES  
6 ASSOCIATED WITH ABERRANT MICROSATELLITE EXPANSION  
8 <130> FILE REFERENCE: 49163-60677PCT  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/591,883  
C--> 11 <141> CURRENT FILING DATE: 2006-09-07  
13 <150> PRIOR APPLICATION NUMBER: 60/551,748  
14 <151> PRIOR FILING DATE: 2004-03-10  
16 <160> NUMBER OF SEQ ID NOS: 55  
18 <170> SOFTWARE: PatentIn Ver. 3.3

## ERRORED SEQUENCES

1110 <210> SEQ ID NO: 55  
1111 <211> LENGTH: 1000  
1112 <212> TYPE: DNA  
1113 <213> ORGANISM: Homo sapiens  
1115 <400> SEQUENCE: 55  
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1118 gagaaaccga gacccaaact cactgctcct aagatcccag aaggggagaa agtggacttc 180  
1119 gatgacatcc agaagaagcg tcagaacaaa gacctaattgg agctccaggc cctcatcgac 240  
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1122 cgccagaaca gactggcgga ggaaaaggcc agaaggagg aggaggatgc caagaggagg 420  
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1131 cgtcctgggg gtggagaggc catccgggg cgtccccgcgtctgtgtcc ttgctgcctt 960  
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E--&gt; 1137 1

Does Not Comply  
Corrected Diskette Needed

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/10/591,883

DATE: 09/21/2006  
TIME: 11:31:55

Input Set : A:\pto.da.txt  
Output Set: N:\CRF4\09212006\J591883.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
L:919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:16  
L:948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
L:951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:16  
L:1137 M:254 E: No. of Bases conflict, this line has no nucleotides